

Appl. No. 10/717,298
Amdt. dated November 16, 2005
Reply to Office action of May 16, 2005

In the Claims:

Claims 1-8 are amended herein. New claims 9-17 are added.

1. (currently amended) A developing apparatus ~~equipped with~~ comprising:

a developing-agent holder in a cylinder shape rotating in a prescribed direction for holding a developing-agent on the peripheral face thereof; a developing agent-controlling member extending in the length direction of the developing-agent holder in opposition thereto and controlling the developing-agent held on the peripheral face of the developing-agent holder to be in a prescribed thickness; and a magnetic plate extending in an arc shape along the peripheral face of the developing-agent holder in a region outside the lengthwise end of the developing agent-controlling member;

~~for developing a latent image by feeding a developing agent from the developing agent holder to the image bearing member bearing a latent image thereon,~~ wherein said magnetic plate has a covering part for covering a portion of the peripheral face of the developing-agent holder in a range from the magnetic plate to the region opposing the developing agent-controlling member.

2. (currently amended) ~~The developing apparatus according to claim 1,~~ A developing apparatus, comprising:

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a developing-agent holder in a cylinder shape rotating in a prescribed direction for holding a developing-agent on the peripheral face thereof; a developing agent-controlling member extending in the length direction of the developing-agent holder in opposition thereto and controlling the developing-agent held on the peripheral face of the developing-agent holder to be in a prescribed thickness; and a magnetic plate extending in an arc shape along the peripheral face of the developing-agent holder in a region outside the lengthwise end of the developing agent-controlling member; for developing a latent image by feeding a developing-agent from the developing-agent holder to an image bearing member bearing a latent image thereon, wherein said magnetic plate has a covering part for covering a portion of the peripheral face of the developing-agent holder in a range from the magnetic plate to the region opposing the developing agent-controlling member,

wherein the covering part is a protruding part protruding on a portion of a face of the magnetic plate opposing the developing agent-controlling member.

3. (currently amended) The developing apparatus according to claim ~~1~~ 2, wherein the covering part is placed at the upstream side of the developing agent-controlling member in the rotation direction of the developing-agent holder.

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4. (currently amended) The developing apparatus according to claim ~~1~~2, wherein the covering part is placed at the downstream side of the developing agent-controlling member in the rotation direction of the developing-agent holder.

5. (currently amended) The developing apparatus according to claim ~~1~~2, wherein the developing agent-controlling member is an elastic body, serving to control the developing-agent to be in a prescribed thickness by pressure contact with the peripheral face of the developing-agent holder; and the covering part covers a portion of the developing-agent holder ranging from the upstream side of the developing agent-controlling member in the rotation direction of the developing-agent holder member to the region above the press contact of the peripheral face of the developing agent-controlling member with the developing-agent holder.

6. (currently amended) The developing apparatus according to any of claims ~~1~~2 to 5, wherein the covering part is apart more from the peripheral face of the developing-agent holder than the other portion of the magnetic plate.

7. (currently amended) The developing apparatus according to any of claims ~~1 to 6~~2 to 5, wherein the covering part has a slanting face which slants from the upstream side to the downstream side in the rotation direction of the developing-agent

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holder toward the inside of the developing-agent holder and along the peripheral face.

8. (currently amended) An image forming apparatus, employing the developing apparatus set forth in any of claims 1-~~to~~ 2 to 5, for forming an image by developing an electrostatic latent image with the developing apparatus.

9. (new) The developing apparatus according to claim 6, wherein the covering part has a slanting face which slants from the upstream side to the downstream side in the rotation direction of the developing-agent holder toward the inside of the developing-agent holder and along the peripheral face.

10. (new) An image forming apparatus, employing the developing apparatus set forth in claim 6, for forming an image by developing an electrostatic latent image with the developing apparatus.

11. (new) An image forming apparatus, employing the developing apparatus set forth in claim 7, for forming an image by developing an electrostatic latent image with the developing apparatus.

12. (new) A developing apparatus comprising:

a developing-agent holder in a cylinder shape rotating in a prescribed direction for holding a developing-agent on the

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peripheral face thereof; a developing agent-controlling member extending in the length direction of the developing-agent holder in opposition thereto and controlling the developing-agent held on the peripheral face of the developing-agent holder to be in a prescribed thickness; and a magnetic plate extending in an arc shape along the peripheral face of the developing-agent holder in a region outside the lengthwise end of the developing agent-controlling member; for developing a latent image by feeding a developing-agent from the developing-agent holder to an image bearing member bearing a latent image thereon, wherein said magnetic plate has a covering part for covering a portion of the peripheral face of the developing-agent holder in a range from the magnetic plate to the region opposing the developing agent-controlling member,

wherein the covering part is placed at the downstream side of the developing agent-controlling member in the rotation direction of the developing-agent holder.

13. (new) The developing apparatus according to claim 1, wherein the covering part is placed at the upstream side of the developing agent-controlling member in the rotation direction of the developing-agent holder.

14. (new) The developing apparatus according to claim 1, wherein the developing agent-controlling member is an elastic body, serving to control the developing-agent to be in a

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prescribed thickness by pressure contact with the peripheral face of the developing-agent holder; and the covering part covers a portion of the developing-agent holder ranging from the upstream side of the developing agent-controlling member in the rotation direction of the developing-agent holder member to the region above the press contact of the peripheral face of the developing agent-controlling member with the developing-agent holder.

15. (new) The developing apparatus according to claim 1, wherein the covering part is apart more from the peripheral face of the developing-agent holder than the other portion of the magnetic plate.

16. (new) The developing apparatus according to claim 1, wherein the covering part has a slanting face which slants from the upstream side to the downstream side in the rotation direction of the developing-agent holder toward the inside of the developing-agent holder and along the peripheral face.

17. (new) An image forming apparatus, employing the developing apparatus set forth in claim 1, for forming an image by developing an electrostatic latent image with the developing apparatus.